



Attorney Docket: 19111.0038

PATENT

AF/2178  
61

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/867,678  
Applicant : Eugene I. CHONG  
Filed : May 31, 2001  
Title : MAPPING LOGICAL ROW IDENTIFIERS FOR  
PRIMARY B+TREE-LIKE STRUCTURES TO  
PHYSICAL ROW IDENTIFIERS  
TC/A.U. : 2177  
Examiner : Pham, K.  
Docket No. : 19111.0038

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Technology Center 2100

**AMENDMENT**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir,

In response to the Office Action issued on April 15, 2004, please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/867,678
Filing Date	May 31, 2001
First Named Inventor	Eugene I. Chong
Art Unit	2177
Examiner Name	Khanh B. Pham
Attorney Docket Number	19111.0038

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Total Number of Pages in This Submission

11

**ENCLOSURES (check all that apply)**☒ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☒ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ After Allowance Communication to Group☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Other Enclosure(s) (please identify below):

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual nameMichael A. Schwartz, Reg. No. 40,161  
Swidler Berlin Shereff Friedman LLP

Signature

Date

July 13, 2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

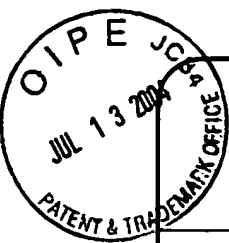
Typed or printed name

Signature

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

## Complete If Known

Application Number 09/867,678  
Filing Date May 31, 2001  
First Named Inventor Eugene I. Chong  
Examiner Name Khanh B. Pham  
Art Unit 2177  
Attorney Docket No. 19111.0038

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METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																															
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order				<b>3. ADDITIONAL FEES</b>																															
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Deposit Account Number 19-5127																																			
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<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																			
<b>1. BASIC FILING FEE</b>																																			
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001 770</td><td>2001 385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002 340</td><td>2002 170</td><td>Design filing fee</td><td></td></tr><tr><td>1003 530</td><td>2003 265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004 770</td><td>2004 385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005 160</td><td>2005 80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="3">SUBTOTAL (1)</td><td>(\$) 0</td></tr></tbody></table>				Large Entity	Small Entity	Fee Description	Fee Paid	1001 770	2001 385	Utility filing fee		1002 340	2002 170	Design filing fee		1003 530	2003 265	Plant filing fee		1004 770	2004 385	Reissue filing fee		1005 160	2005 80	Provisional filing fee		SUBTOTAL (1)			(\$) 0				
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1005 160	2005 80	Provisional filing fee																																	
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<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>																																			
Total Claims 16 -20 ** = 0 X Fee from below = 0																																			
Independent Claims 7 -7 ** = 0 X Fee from below = 0																																			
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<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1202 18</td><td>2202 9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201 86</td><td>2201 43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203 290</td><td>2203 145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204 86</td><td>2204 43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205 18</td><td>2205 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="3">SUBTOTAL (2)</td><td>(\$) 0</td></tr></tbody></table>				Large Entity	Small Entity	Fee Description	Fee Paid	1202 18	2202 9	Claims in excess of 20		1201 86	2201 43	Independent claims in excess of 3		1203 290	2203 145	Multiple dependent claim, if not paid		1204 86	2204 43	** Reissue independent claims over original patent		1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)			(\$) 0				
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*or number previously paid, if greater. For Reissues, see above																																			
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				1051 130   2051 65   Surcharge - late filing fee or oath																															
				1052 50   2052 25   Surcharge - late provisional filing fee or cover sheet.																															
				1053 130   1053 130   Non-English specification																															
				1812 2,520   1812 2,520   For filing a request for reexamination																															
				1804 920*   1804 920*   Requesting publication of SIR prior to Examiner action																															
				1805 1,840*   1805 1,840*   Requesting publication of SIR after Examiner action																															
				1251 110   2251 55   Extension for reply within first month																															
				1252 420   2252 210   Extension for reply within second month																															
				1253 950   2253 475   Extension for reply within third month																															
				1254 1,480   2254 740   Extension for reply within fourth month																															
				1255 2,010   2255 1,005   Extension for reply within fifth month																															
				1401 330   2401 165   Notice of Appeal																															
				1402 330   2402 165   Filing a brief in support of an appeal																															
				1403 290   2403 145   Request for oral hearing																															
				1451 1,510   1451 1,510   Petition to institute a public use proceeding																															
				1452 110   2452 55   Petition to revive - unavoidable																															
				1453 1,330   2453 665   Petition to revive - unintentional																															
				1501 1,330   2501 665   Utility issue fee (or reissue)																															
				1502 480   2502 240   Design issue fee																															
				1503 640   2503 320   Plant issue fee																															
				1460 130   1460 130   Petitions to the Commissioner																															
				1807 50   1807 50   Processing fee under 37 CFR 1.17 (q)																															
				1806 180   1806 180   Submission of Information Disclosure Stmt																															
				8021 40   8021 40   Recording each patent assignment per property (times number of properties)																															
				1809 770   2809 385   Filing a submission after final rejection (37 CFR § 1.129(a))																															
				1810 770   2810 385   For each additional invention to be examined (37 CFR § 1.129(b))																															
				1801 770   2801 385   Request for Continued Examination (RCE)																															
				1802 900   1802 900   Request for expedited examination of a design application																															
				Other fee (specify) _____																															
				*Reduced by Basic Filing Fee Paid   SUBTOTAL (3) (\$) 0																															

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Michael A. Schwartz	Registration No. (Attorney/Agent)	40,161	Telephone	202/424-7500
Signature	<i>Michael A. Schwartz</i>	Date	July 13, 2004		

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